City of Chicago

Office of the City Clerk

Document Tracking Sheet

Or2021-301

Meeting Date:	11/16/2021
Sponsor(s):	Hopkins (2)
Type:	Order
Title:	Issuance of permits for sign(s)/signboard(s) at 1 W Chicago Ave - Permit No. 100934491
Committee(s) Assignment:	Committee on Zoning, Landmarks and Building Standards

CITY COUNCIL
COMMITTEE ON ZONING, LANDMARKS AND BUILDING STANDARDS

COUNCIL ORDER

RE: Approval of sign over 100 square feet in area or over 24 feet above grade

ORDERED, that the City Council hereby approves the following sign application submitted by:

Applicant*: Lifetime Fitness

(* The Applicant is the owner of the real property or the business tenant of the real property. Do not list the sign contractor, sign erector, sign company or advertising entity in the above space.)

This Order approves the following sign in accordance with Municipal Code of Chicago Section 13-20-680:

Address of Sign: 1 W Chicago Chicago, IL 60654

Zoning District: PD1401

DOB Sign Permit Application #: 100934491

Sign Details:

1. On-premise X OR Off-premise ____
2. Static sign X OR Dynamic-image display sign ____
3. Number of sign faces 1
4. Projecting over the public way No (Yes or No) If yes, Public Way Use #: ____
5. Dimensions: Length 27 feet 11 inches Height 7 feet 2 inches

   Total square feet in area: 200 feet 0 inches
6. Height above grade: 132 feet 2 inches
7. Elevation (side of building or lot where the sign will be erected): South Elevation
8. Name of Sign Contractor/Erector: Doyle Signs, Inc

To be legal, such sign shall comply with all provisions of Title 17 of the Chicago Municipal Code ("Zoning Ordinance") and all other provisions of the Municipal Code governing the permitting, construction and maintenance and removal of signs and sign structures. Failure of the applicant and the applicant's successors to comply shall be grounds for invalidation or revocation of the sign permit.

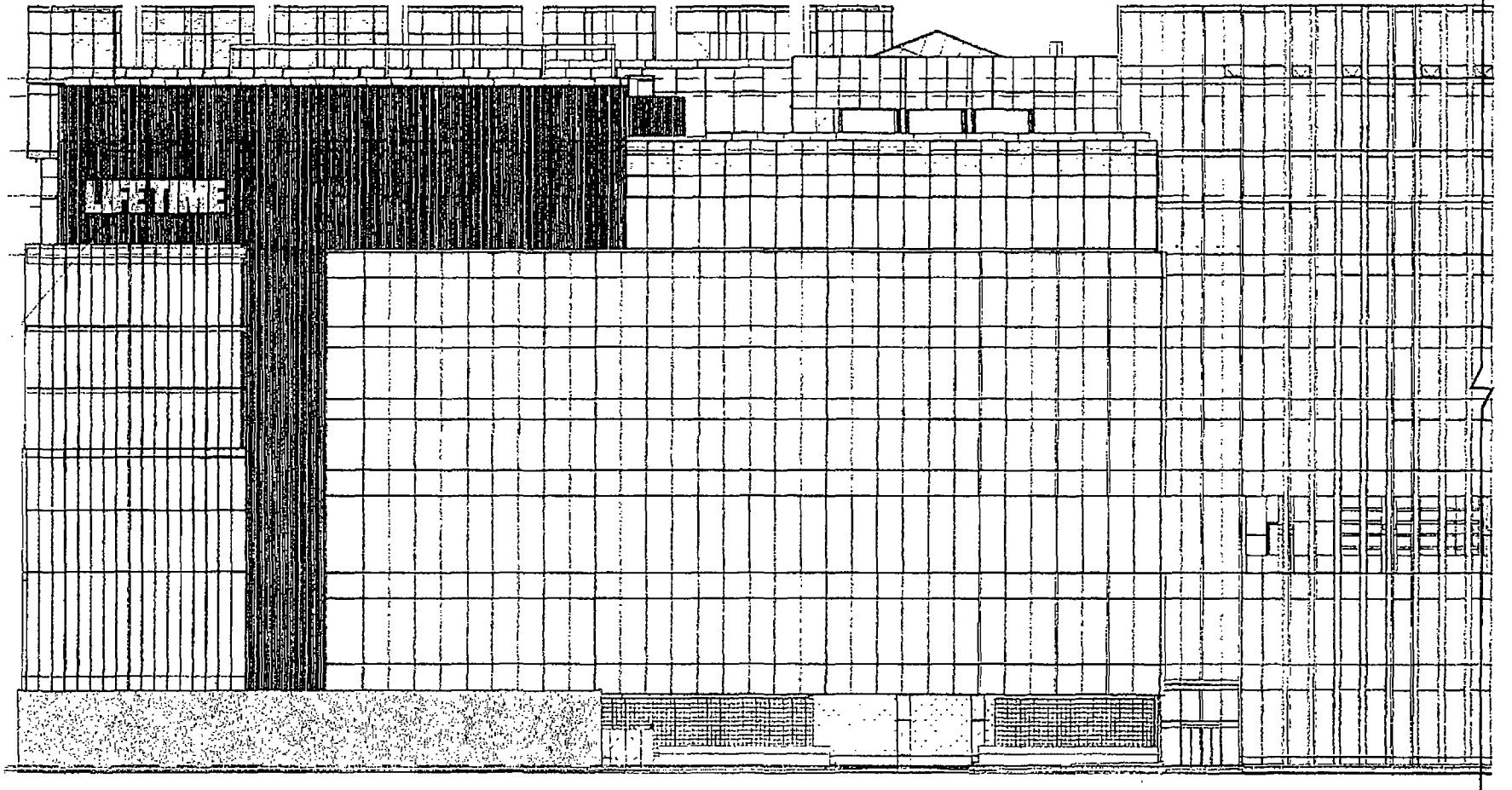
Brian Hopkins
Alderman

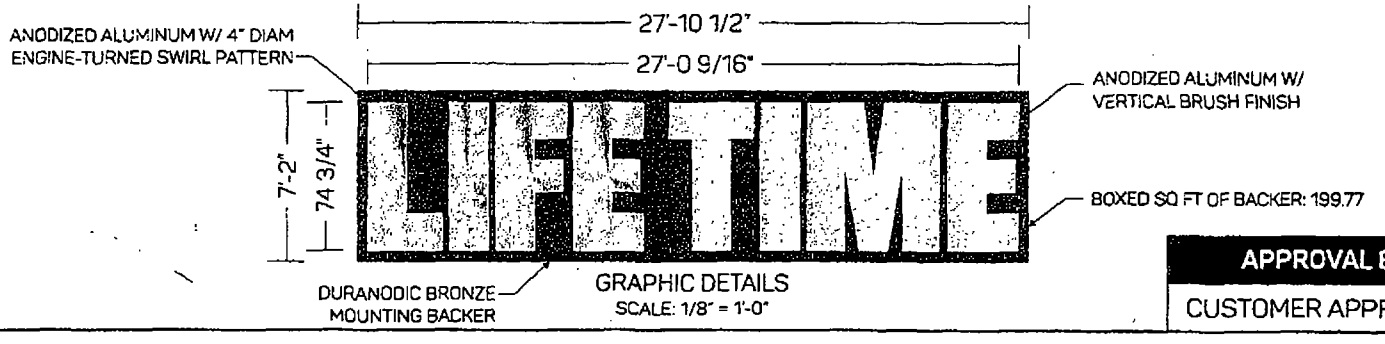
2
Ward

1

SOUTH ELEVATION

SCALE: 1/32" = 1'-0"





GRAPHIC DETAILS

SCALE: 1/8" = 1'-0"

APPROVAL BOX - PLEASE INITIAL		
CUSTOMER APPROVAL		Date

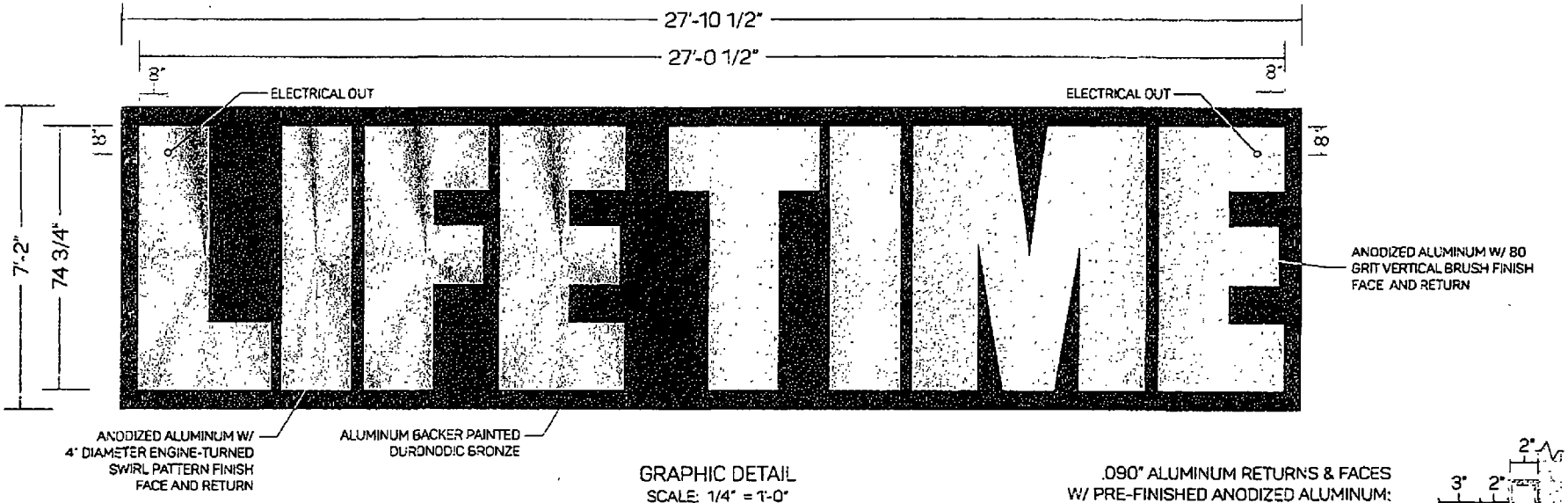
NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer:	Date:	Prepared By:	NOTE: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest DMW equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.
LIFETIME ATHLETIC	03/15/21	CM/JS	
Location: CHICAGO, IL	File Name: 224694 - R10 - CHICAGO, IL	Eng: -	

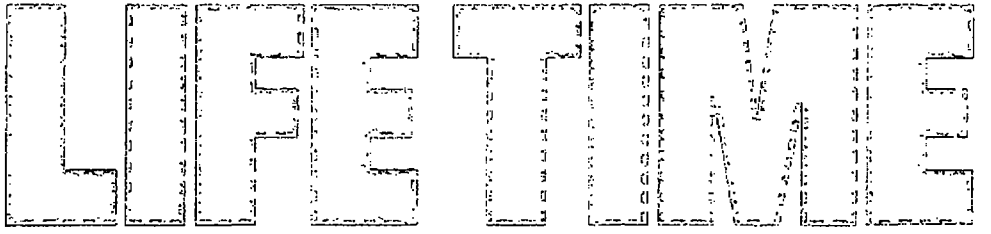
persōna
SIGNS | LIGHTING | IMAGE

DISTRIBUTED BY SIGN UP COMPANY
700 21st Street Southwest
PO Box 210
Watertown, SD 57201-0210
1.800.843.9888 · www.personasigns.com

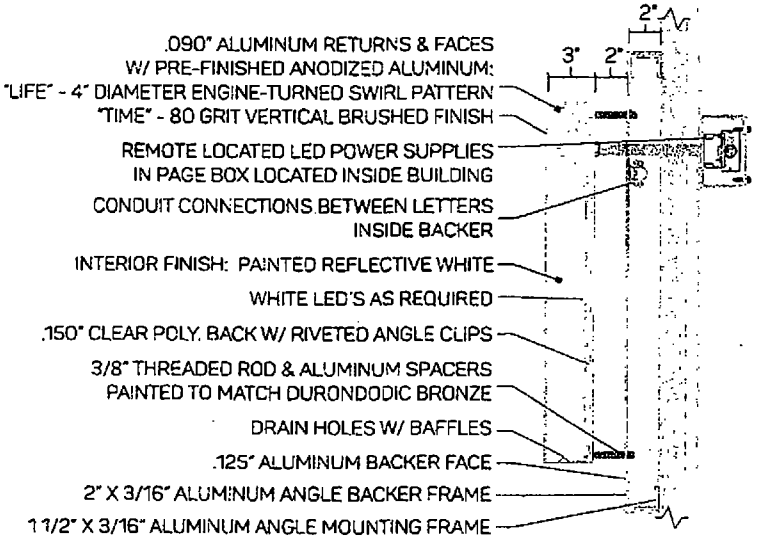
SIGN 1
QTY 1



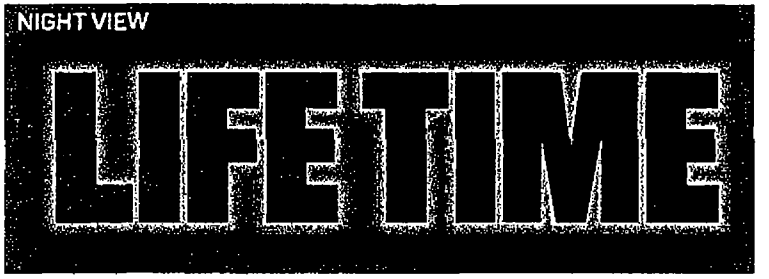
GRAPHIC DETAIL
SCALE: 1/4" = 1'-0"



LED LAYOUT
NOT TO SCALE



PROFILE
NOT TO SCALE



NOTES:
U.L. LISTED
120 VOLTS / AMPS TBD
MOUNTING TEMPLATE INCLUDED AT TIME OF ORDER
ALL POWER SUPPLIES ARE DUAL RATED FOR 120/277V & NOT LOADED MORE THAN 75% OF THEIR CAPACITY
LED MODULES WRAP LETTERS IN CONTINUOUS ROW APPROXIMATELY 1.5" OFF EDGE; SPACED APPROXIMATELY 3" ON CENTER; OR CLOSER TO ACHIEVE UNIFORM HALO
ACRYLIC / LED'S MOUNTED TO ALLOW DUAL BOUNCE OF LIGHT
BACKER PANEL PAINTED DURONODIC BRONZE

Customer:	Date:	Prepared By:	MODEL BY:	Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.
LIFETIME ATHLETIC	06/09/21	CM/KH	-	
Location:	Item number:	File Name:		
CHICAGO, IL	LIFF-7X27SRCLATO-C	224694 - R9 - CHICAGO, IL - C-PRINTS		

persōna
SIGNS | LIGHTING | IMAGE

DISTRIBUTED BY SIGN UP COMPANY
700 21st Street Southwest
PO Box 210
Watertown, SD 57201-0210
1.800.843.9888 - www.personasigns.com

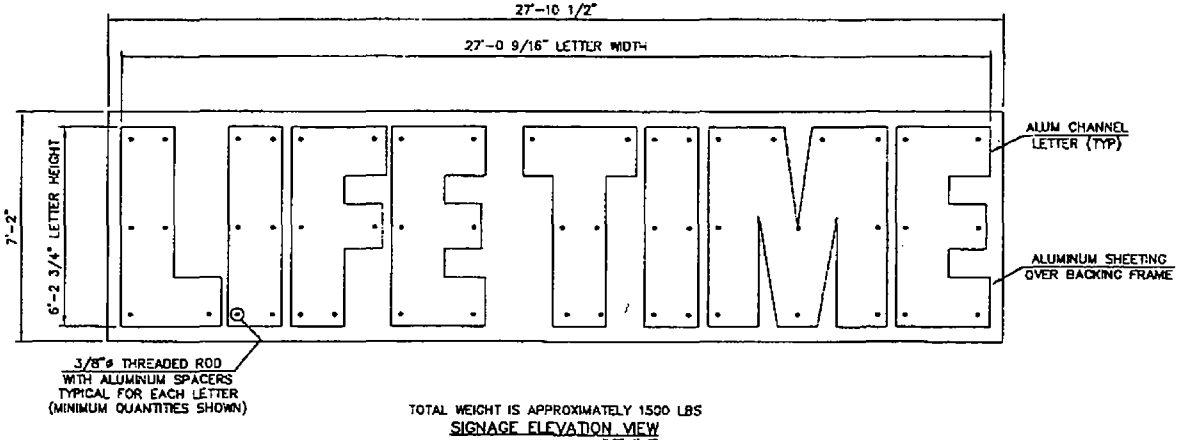
SIGN 1 - SOUTH

GENERAL NOTES:

1. All design, fabrication, installation and construction shall conform to the following specifications, unless specifically noted otherwise on the drawing:
   - The 2019 Chicago Building Code
   - American Institute of Steel Construction, Inc Manual of Steel Construction (13th Edition).
   - American Welding Society ANSI/AWS D1.1 & D1.2 Structural Welding Code – Steel or Alum
   - The Aluminum Association Design Manual, 2010 Edition.
2. All components shall be as listed below, unless noted otherwise:
   - All structural aluminum shall be 6061-T6, 6063-T5, 5052-H32, or equal.
   - Steel rolled shapes, plates and bars shall be ASTM A36, or equal.
   - Steel pipe shall meet the requirements of ASTM A53, Type S or E, Gr B, or ASTM A500, Gr B.
   - Steel structural tubing shall be ASTM A500, Grade B, or equal.
   - Mechanical fasteners shall be installed according to manufacturer's specifications.
   - All ferrous to non-ferrous materials shall be adequately separated to prevent corrosion.
   - All bolts in contact with steel and aluminum shall be galvanized or stainless steel.
   - Stainless steel bolts shall be AISI 304 or 316.
   - Steel bolts shall be A325 bolts or equivalent.
   - All exposed materials shall be properly protected from weathering and/or corrosion.
3. All field welds shall be made by a welder certified in the specified position.
   - All steel welds shall be made with E70XX electrode, or equal.
   - All aluminum welds shall be made with 4043 alloy, or an approved alternate.
   - All welds shall be made in a sequence that will balance the applied heat of welding while the welding progresses.
4. The structure has been designed to withstand a 115 mph (3-sec gust) design wind speed with a lateral design pressure of 37.5 psf according to ASCE 7-16, Exposure B, Risk Category II with a height of approx 150 ft above ground.
   - Seismic design was considered as per ASCE 7-16 assuming Sds=0.141, Ip=1.0, and Site Class D.
5. Cornerstone is in no way responsible for the safety of the work site during installation. The installer shall take appropriate measures to make sure that the erection of the structure is performed using methods in compliance with applicable OSHA regulations.
6. If existing and proposed conditions are not as detailed in this design drawing the installer shall assess work and notify Cornerstone immediately.
   - Cornerstone will not be performing on-site inspections or verification of conditions. It is the responsibility of the installer, the structure owner, and the property owner to identify the on-site conditions and to contact Cornerstone with any discrepancies or concerns.
7. Any deviation from these plans or non-compliance with the general notes without written approval from Cornerstone will render the entire design to be void.

LETTER ATTACHMENT NOTE:
THE LOCATIONS OF THE LETTER MOUNTING STUDS ARE APPROXIMATE. LETTER MOUNTING STUDS SHALL ONLY BE ATTACHED THROUGH FRAME MEMBERS IN THE LETTER AND TO MOUNTING ANGLES IN THE SUPPORTING FRAME. MOUNTING STUDS SHALL NOT ATTACH ONLY TO LETTER BACKS OR CLADDING IN THE BACKING PANEL. ADDITIONAL FRAME MEMBERS MAY BE REQUIRED TO PROVIDE SUPPORT FOR LETTER ATTACHMENTS.

NOTICE OF RESPONSIBILITY:
BY THIS DRAWING, CORNERSTONE ENGINEERING, INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL DESIGN OF THE SIGNAGE SUPPORT FRAME AND ITS ATTACHMENT TO THE EXISTING WALL AS SHOWN. THE DESIGN OF THE ATTACHED-TO THE BASE BUILDING STRUCTURE IS THE RESPONSIBILITY OF OTHERS (SEE REACTION NOTE). THE DESIGN OF NON-STRUCTURAL COMPONENTS NOT SHOWN ON THIS DRAWING ARE THE RESPONSIBILITY OF OTHERS.

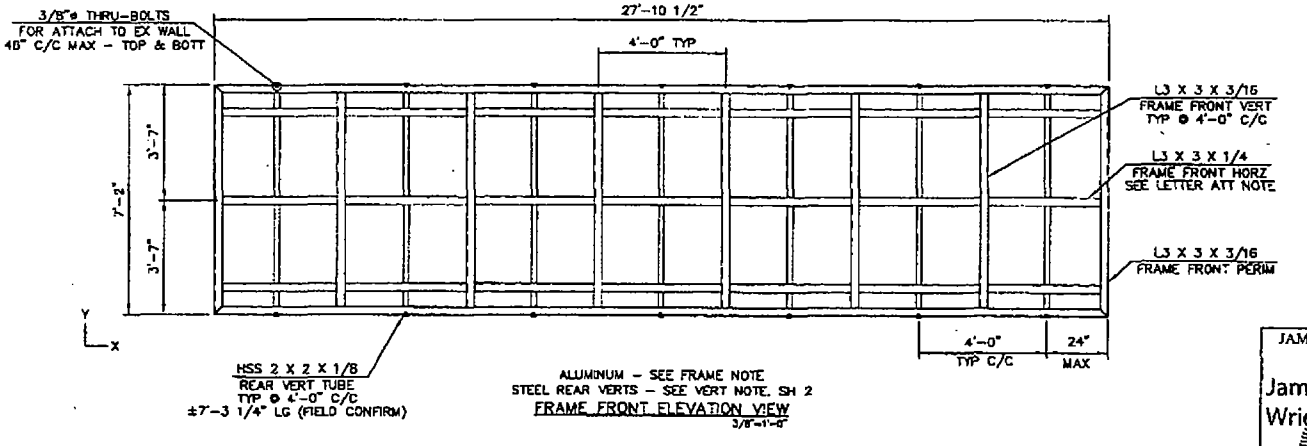


TOTAL WEIGHT IS APPROXIMATELY 1500 LBS

SIGNAGE ELEVATION VIEW
3/8"=1'-0"

REACTION NOTE:
AT EACH TOP AND BOTTOM ATTACHMENT POINT, THE PROPOSED SIGN WILL IMPART LOADS INTO THE ATTACHED-TO EXISTING WALL SYSTEM. THE ENGINEER RESPONSIBLE FOR THE ATTACHED-TO WALL SHALL REVIEW THE ADEQUACY OF THEIR SYSTEM TO SUPPORT THESE LOADS. THE MAXIMUM LOAD IMPARTED AT ANY ONE ATTACHMENT POINT DUE TO LOADS COMBINED AS PER ASCE 7-16 ASD LOAD COMBINATIONS ARE:

TOP/BOTT ATTACHMENTS: (DET B, SH 2)
X = 15 LBS (LATERAL)
Y = 110 LBS (VERTICAL)
Z = 520 LBS (PERP TO SIGN)



ALUMINUM - SEE FRAME NOTE
STEEL REAR VERTS - SEE VERT NOTE, SH 2

FRAME FRONT ELEVATION VIEW
3/8"=1'-0"

FRAME NOTE:
THE FRONT AND REAR BACKING ANGLE FRAME MEMBERS SHALL BE ALUMINUM AND SHALL BE MITERED OR NOTCHED TO FIT SNUGLY AT EACH INTERSECTION AND WELDED ALL AROUND. THE FRONT AND REAR FRAME MEMBERS SHALL BE OVERLAPPED AND JOINED TOGETHER WITH SCREWS ALONG THE PERIMETER AND VERTICALS AS DETAILED ON SHEET 2. ANGLE FRAME MEMBERS SHALL BE 6061-T6 ALUMINUM.

CORNERSTONE ENGINEERING, INC.
1020 William Blount Drive - Maryville, TN 37801
(865) 273-2688 - www.CornerstoneTN.com

PREPARED FOR:
PERSONA, INC.
P.O. Box 210 - Watertown, SD 57201

Lifetime Fitness Wall Mounted Sign Panel #1
15 West Chicago Avenue – Chicago, Illinois

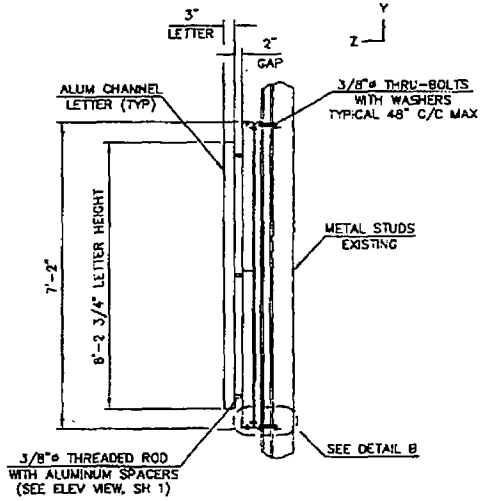
Drawn By: CRS
Date: 05/17/2020
Sheet: 1 of 2
Project #: 200052
Dwg #: CA24636R3
Scale: 1/4"=1'-0"

JAMES E. WRIGHT, JR.
Digitally signed by James Wright Jr.
Date: 2021.05.17 14:23:00 -05'00'
LICENSED STRUCTURAL ENGINEER
JAMES E. WRIGHT, JR.
081-006016
STATE OF ILLINOIS

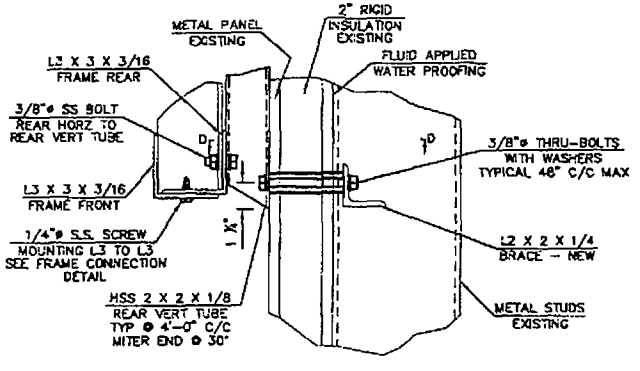
EXPIRES 11-30-22
IL S.E. # 081-006016

VERT TUBE NOTE:
THE SPACING OF THE REAR VERTS SHALL BE SET TO MATCH THE SPACING OF THE WALL ATTACHMENTS. VERTS SHALL BE ATTACHED TO THE WALL ANCHORS AND ALSO ATTACHED TO THE SIGNAGE FRAME AS SHOWN. OPEN ENDS OF TUBE VERTS SHALL BE CAPPED TO RESIST WATER INFILTRATION FOLLOWING INSTALLATION. THE INSTALLER SHALL CONTACT CORNERSTONE AND PERSONA WITH CONCERNS ABOUT VERT TUBE INSTALLATION.

DETAIL B NOTE:
HOLES THROUGH THE EXISTING WALL MATERIAL SHALL BE DRILLED TO FIT THE THROUGH BOLT SNUGLY AND SEALED AGAINST WATER INFILTRATION. RIGID SPACER PIPES SHALL BE USED AROUND THROUGH BOLTS AS NEEDED TO RESIST CRUSHING OF THE FASCIA. SPACERS SHALL BE SEATED AGAINST THE REAR OF THE HSS2X2 AND AGAINST THE FRONT OF THE L2X2.

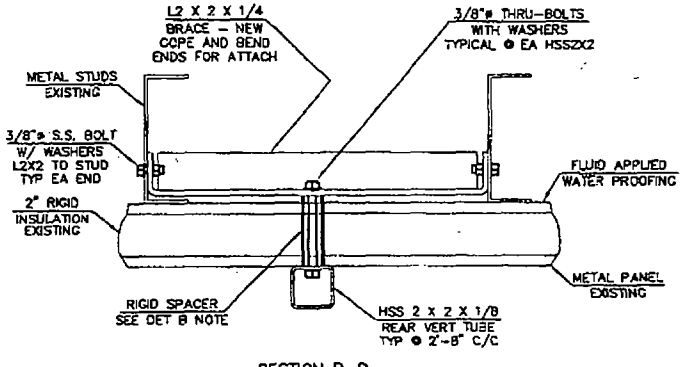


SECTION A-A
1/2"=1'-0"

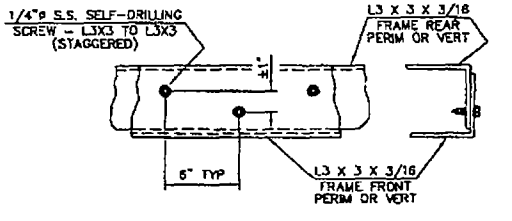


DETAIL B
1/2"=1'

BRACING NOTE:
ALTERNATE BRACING ATTACHMENT METHODS SHALL USE STANDARD CONSTRUCTION PRACTICES AND SHALL FIRMLY SECURE THE BRACE TO THE SUPPORTING STUD AT EACH END.



SECTION D-D
1/4"=1'



TYPICAL FRAME CONNECTION DETAIL
1/4"=1'

CORNERSTONE ENGINEERING, INC.
1025 William Blount Drive - Maryville, TN 37801
(865) 977-5618 - www.CornerstoneTN.com

PREPARED FOR:
PERSONA, INC.
P.O. Box 210 - Watertown, SD 57201

Lifetime Fitness Wall Mounted Sign Panel #1
15 West Chicago Avenue - Chicago, Illinois

Project #: 200052 | Drawn By: CRS
Dwg #: CA24635R3 | Date: 05/17/2020
Scale: 1/4"=1'-0" | Sheet: 2 of 2

JAMES E. WRIGHT, JR.
James Wright Jr.
Digitally signed by James Wright Jr.
Date: 2021.05.17 14:23:36 -04'00'
LICENSED STRUCTURAL ENGINEER
JAMES E. WRIGHT JR.
STATE OF ILLINOIS
EXPIRES 11-30-22
IL S.E. # 081-006016